

U.S. PATENT DOCUMENTS						
Examiner Ci		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
niias"	Cite No.1	Number-Kind Code ² (if known)	MM-OD-YYYY	Applicant of Cited Document	Relevant Passages or Releva Figures Appear	
lle	1.	US-2002/0028784-A1	03-07-2002	Nest		
ı	2.	US-2002/0098199-A1	07-25-2002	Van Nest et al.		
T	3.	US-2002/0107212-A1	08-08-2002	Nest et al.		
	4.	US-2003/0050263-A1	03-13-2003	Krieg et al.		
	5.	US-2003/0216340-A1	11-20-2003	Van Nest et al.		
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IJ	12.	US-6,613,751-B2	09-02-2003	Raz et al.		

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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
ile	13.	WO-98/40100-A1	09-17-1998	Ottawa Civic Loeb Research Institute et al.				
ele	14.	WO-01/68116-A2,A3	09-20-2001	Dynavax Technologies Corporation				

"EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional)." See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. "Enter Office that issued the document, by the two-letter code (MIPO Standard ST.3). "For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible." Applicant is to place a check mark here if English language Translation is attached.

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²					
10	15.	Baumann, N.M. et al. (December 1996). "Recurrent Respiratory Papillomatosis," Pediatric Otolarynology 43(6):1385-1400.						
	16.	Beutner, K.R. et al. (February 1998). "Treatment of Genital Warts with an Immune-repsonse Modifier (Imiquimod)," <i>Journal of the American Academy of Dermatology</i> 38(2, part 1):230-239.						
	17.	Clements, J.D. (1997). "Surface Warfare Against Pathogens Using Mucosal Vaccines," <i>Nature Biotech.</i> 15:622-623.						
	18.	Current Drugs Ltd. (February 24, 2003). "Lilly and 3M Suspend Resiquimod Trials," located at <a <a="" achieve="" adequate="" at="" clinical="" completed="" data="" dosing="" efficacy,"="" from="" href="http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>" in="" located="" not="" of="" preliminary="" recently="" resiquimod="" studies="" suggest="" trials="" used="" will="">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb.com/iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe>">http://www.iddb3/iddb3_2/reports.print_display?i_qury_id=0&template=Refe.	>					

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Complete if Known

March 9, 2001

Gary VAN NEST

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

1				Art Unit	1648	
	(Use as many sh	e ets as	s necess áry)	Examiner Name	T. Brown	
Sheet	2	of	2	Attorney Docket Number	377882000900	

Application Number

First Named Inventor

Filing Date

20. Guerrero-Pitata, A. et al. (August 2005). "Activity and Regulation of Alpha Interferon in Respiratory Syncytial Virus and Human Metapneumovirus Experimental Infections," Journal of Virology 79(16):10190-10199. 21. Harfmann, G. et al. (2000). "Mechanism and Function of a Newly Identified CpG DNA Motif in Human Primary B Cells," J. Immunology 164:944-952. 22. Harfmann, G. et al. (February 1, 2000). "Delineation of a CpG Phosphorothioate Oligodeoxynucleotide for Activating Primate Immune Responses in Vitro and In Vivo," J. Immunol. 164(3):1617-1624. 23. International Search Report mailed June 17, 2002 for PCT Application No. PCT/US01/07839 filled March 12, 2001, 4 pages. 24. International Search Report mailed June 18, 2002 for PCT Application No. PCT/US01/07841 filled March 12, 2001, 5 pages. 25. International Search Report mailed June 17, 2002 for PCT Application No. PCT/US01/07931 filled March 12, 2001, 6 pages. 26. International Search Report mailed June 17, 2002 for PCT Application No. PCT/US01/07842 filled March 12, 2001, 6 pages. 27. International Search Report mailed June 17, 2002 for PCT Application No. PCT/US01/07840 filled March 12, 2001, 6 pages. 28. Krieg, A.M. (August 1996). "An Innate Immune Defense Mechanism Based on the Recognition of CpG Motifs in Microbial DNA," J. Lab. Clin. Med. 128(2):128-133. 29. Krieg, A.M. (2000). "The Role of CpG Motifs in Innate Immunity." Current Opinion In Immunology Typhrome," N. Engl. J. Med. 348(20):1953-1966. 31. Marshall, J.D. et al. (2003). "Novel Chimeric Immunomodulatory Compounds Containing Short CpG Oligodeoxyribonucleotides Have Differential Activities in Human Cells," Nucleic Actids Research 31(17):5122-5133. 32. Merriam-Webster, Inc. (1983). "Estimates of the Worldwide Mortality from Eighteen Major Cancers in 1985. Implications for Prevention and Projections of Future Burden," Intl. J. Cancer 55:891-303. 35. Prince, G.A. (Summer 1994). "The Cotton Rat in Biomedical Research," Animal Welfere Information Center Newsletter 5(2), located at <a "a="" "an="" "delineation="" "human="" "inhibition="" "novel="" "the="" (1983).="" (1999).="" (2000).="" (2003).="" (august="" (february="" (may="" (summer="" 07839="" 07840="" 07841="" 07842="" 07931="" 1,="" 12,="" 128(2):128-133.="" 12:35-43.="" 15,="" 164(3):1617-1624.="" 164:944-952.="" 17,="" 18,="" 1994).="" 1996).="" 2(3):212-218.="" 2000).="" 2001,="" 2002="" 2002).="" 2003).="" 23(2):212-218.="" 23:="" 24:="" 25:="" 26:="" 27:="" 28:="" 29:="" 30:="" 31(17):5122-5133.="" 31:="" 32:="" 33:="" 348(20):1953-1966.="" 34:="" 4="" 5(2),="" 57.="" 6="" 7="" <a="" a="" a.m.="" acids="" activating="" activities="" acute="" al.="" and="" animal="" application="" associated="" at="" based="" biomedical="" by="" cancer,"="" cells,"="" center="" cervical="" chimeric="" clin.="" collegiate="" compounds="" containing="" coronavirus="" cotton="" cpg="" current="" defense="" delineation="" dictionary,="" differential="" dna,"="" ectromelia="" engl.="" et="" filed="" for="" g.="" g.a.="" hartmann,="" have="" href="http://www.nal.usda.gov/awic/newsletters/v5n2/5n2/5n2/princ.html</td><td>al) e</td><td>1</td><td></td><td></td></tr><tr><td>Human Primary B Cells, " human="" immune="" immunity,"="" immunol.="" immunology="" immunology.="" immunomodulatory="" in="" inc.="" inc.:="" information="" innate="" interferons="" international="" j.="" j.d.="" journal="" june="" krieg,="" ksiazek,="" lab.="" located="" m.="" ma,="" mailed="" march="" marshall,="" mechanism="" med.="" merriam-webster,="" microbial="" motifs="" murakami,="" murrakami,="" n.="" new="" newsletter="" ninth="" no.="" novel="" nucleic="" of="" oligodeoxynucleotide="" oligodeoxyribonucleotides="" on="" opinion="" pages.="" papillomavirus="" pct="" pg.="" phosphorothioate="" primate="" prince,="" rat="" recognition="" report="" research="" research,"="" respiratory="" responses="" role="" search="" severe="" short="" smith,="" springfield,="" syndrome,"="" t.g.="" td="" the="" uso1="" v.p.="" vaccines="" vi<="" virus,"="" vitro="" vivo,"="" webster's="" welfare="" with=""><td>or</td><td>1</td><td></td><td></td>	or	1		
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23. International Search Report mailed June 17, 2002 for PCT Application No. PCT/US01/07839 filed March 12, 2001, 4 pages. 24. International Search Report mailed June 18, 2002 for PCT Application No. PCT/US01/07841 filed March 12, 2001, 6 pages. 25. International Search Report mailed June 17, 2002 for PCT Application No. PCT/US01/07931 filed March 12, 2001, 7 pages. 26. International Search Report mailed June 17, 2002 for PCT Application No. PCT/US01/07842 filed March 12, 2001, 6 pages. 27. International Search Report mailed June 17, 2002 for PCT Application No. PCT/US01/07840 filed March 12, 2001, 6 pages. 28. Krieg, A.M. (August 1996). "An Innate Immune Defense Mechanism Based on the Recognition of CpG Motifs in Microbial DNA," <i>J. Lab. Clin. Med.</i> 128(2):128-133. 29. Krieg, A.M. (2000). "The Role of CpG Motifs in Innate Immunity," <i>Current Opinion In Immunology</i> 12:35-43. 30. Ksiazek, T.G. et al. (May 15, 2003). "A Novel Coronavirus Associated with Severe Acute Respiratory Syndrome," <i>N. Engl. J. Med.</i> 348(20):1953-1966. 31. Marshall, J.D. et al. (2003). "Novel Chimeric Immunomodulatory Compounds Containing Short CpG Oligodeoxyribonucleotides Have Differential Activities in Human Cells," <i>Nucleic Acids Research</i> 31(17):5122-5133. 32. Merriam-Webster, Inc. (1983). Webster's Ninth New Collegiate Dictionary, Merriam-Webster, Inc.: Springfield, MA, pg. 57. 33. Murakami, M. et al. (1999). "Human Papillomavirus Vaccines for Cervical Cancer," <i>J. Immunolother.</i> 22(3):212-218. 34. Pisani, P. et al. (1993). "Estimates of the Worldwide Mortality from Eighteen Major Cancers in 1985. Implications for Prevention and Projections of Future Burden," <i>Intl. J. Cancer</i> 55:891-903. 35. Prince, G.A. (Summer 1994). "The Cotton Rat in Biomedical Research," <i>Animal Welfare Information Center Newsletter</i> 5(2), located at http://www.nal.usda.gov/awic/newsletters/v5n2/5n2princ.html , last visited on February 16, 2006, six pages. 36. Seo, S.H. et al.	- 1		Immunol. 164(3):1617-1624.	
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